YUEJIA LUO

Industrial designer

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Yuejia Luo

SUMMARY

A passionate, creative, and inclusive human-centered industrial designer with 5 years of hands-on design and prototyping experience designing consumer and healthcare products, from research through functional prototypes, balancing functionality, ergonomics, and aesthetics. As a Deaf designer, I bring a unique perspective to understanding people and the world, turning challenges into valuable insights that shape my designs.

SKILLS

→Rhinoceros
→Autodesk Fusion360
→Solidworks
→Cinema4D
→Keyshot
→Figma
→Adobe Photoshop
→Adobe Illustrator
→Woodworking
→3D Printing
→Sewing

LANGUAGE

Mandarin Chinese
English
American Sign Language

PROJECT

03/2026

MIT HARD MODE Hardware x AI Hackathon

Within 48 hours, built an outdoor bag that monitors surroundings and provides real-time safety suggestions for hikers and campers. The bag integrates environmental sensors, a camera, and audio I/O, powered by a Raspberry PI 5 and running the OpenClaw AI agent. Co-developed the concept with a 6-person team, sourced materials, designed housing for the hardware in SolidWorks, 3D-printed shells, and assembled the final prototype.

EDUCATION

05/2027 — **Rochester Institute of Technology**
Bachelor of Fine Arts

Major: Industrial Design
Minor: American Sign Language & Deaf Cultural Studies

05/2019 — **Nanyang Academy of Fine Arts**
Diploma

Major: 3D Design (Furniture & Spatial)

WORK EXPERIENCE

07/2026 | 01/2026 — **Rochester Regional Health**
Rochester, New York, USA
→As part of the Innovation Lab team, contributed to multiple healthcare projects, identifying and addressing challenges across Rochester Regional Health-affiliated hospitals.
→Collaborated with clinicians and healthcare staff to identify clinical workflow challenges, develop design concepts, and create user-centered solutions.
→Conducted human-centered design research and supported the end-to-end product design process, from discovery and ideation to prototyping and validation.
→Created sketches, renderings, CAD models, and low- to high-fidelity prototypes to communicate concepts, gather feedback, and test design solutions.

12/2025 | 07/2025 — **WHOOP**
Boston, Massachusetts, USA
→Delivered multiple industrial design and CMF projects for accessory products
→Built physical prototypes for accessory and packaging concepts
→Created high-quality visualizations for internal and external use
→Developed new concepts and contributed to the overall design direction for next products
→Researched and explored AI tool applications in industrial design

03/2020 | 10/2019 — **MINGDU DESIGN**
Shenzhen, China
→Researching, concepting, sketching, prototyping, and visualizing in modern furniture and product design
→Utilized knowledge of construction materials, finishes, and details
→Created detailed design layout and technical drawing to effectively communicate with designers and manufacturers

07/2018 | 05/2018 — **11H**
Singapore
→Gained an understanding of the design process and engaged in learning the designer's ideas and concepts.
→Collaborated with designers to contribute creative ideas for space planning, material selection and finishes.
→Developed visualizations and assisted with technical drawings